

CLAIMS:

1. A composition comprising from 88 to 99.99% by weight of a polymer selected from the group consisting of a polyamide, a compound of a polyamide, and mixtures thereof, and from 0.01 to 0.25% by weight of a flow aid,

wherein the drying loss of the flow aid after 5 days of conditioning at relative humidity of 95% is less than or equal to 1% by weight.

2. The composition as claimed in claim 1, wherein the composition comprises a polyamide selected from the group consisting of nylon-12, nylon-11, nylon-6,10, nylon-6,12, nylon-10,12, nylon-6, nylon-6,6, and mixtures thereof.

3. The composition as claimed in claim 1, wherein the flow aid is selected from the group consisting of an inorganic pigment, a silica, a fumed silica, a precipitated silica, a hydrophobicized silica, a hydrophobic silica, and mixtures thereof.

4. The composition as claimed in claim 1, wherein the polymer has a median particle size of from 0.1 to 250 μm .

5. The composition as claimed in claim 1, wherein the flow aid has a median particle size of from 10 nm to 150 μm .

6. The composition as claimed in claim 1, wherein the flow aid has a specific surface area of from 20 to 600 m^2/g .

7. The composition as claimed in claim 1, wherein the increase in the flow time of the composition after six days of conditioning at 95% relative humidity and 40°C followed by 24 hours of conditioning at 50% relative humidity at 20°C is less than 20%.

8. The composition as claimed in claim 1, wherein the flow aid is present in an amount effective for preventing caking.

9. The composition as claimed in claim 1, wherein the flow aid is present in an amount effective for preventing an increase in the flow time of the polymer of greater than 5% after exposure to an atmosphere of 95% relative humidity at 40°C for 6 days followed by exposure to an atmosphere of 50% relative humidity at 20°C for 24 hours.

10. The composition as claimed in claim 9 wherein the increase in flow time is greater than 10%.

11. A process for coating a molding, comprising coating the molding with a composition as claimed in claim 1.

12. The process as claimed in claim 11, wherein the molding comprises a metal or a metal alloy.

13. The process as claimed in claim 11, wherein the composition is fluidized during coating by injection of a gas.

14. The process as claimed in claim 11, wherein the coating is fluidized-bed sintering, rotational sintering, electrostatic coating, tribocoating or minicoat processing.

15. A process for producing a sintered amide, comprising sintering the composition as claimed in claim 1 by laser-sintering to form the article.

16. A cosmetic comprising the composition claimed in claim 1.

17. A coating material comprising the composition claimed in claim 1.